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SECRET

Proj #3009

IN 1271

SECRET 081435Z

[redacted]

[redacted] 25X1

25X1

WE ARE PLEASED TO INFORM YOU THAT THE COHERENT ENLARGER, CONTRACT [redacted] HAS BEEN COMPLETED AND IS NOW READY FOR SHIPMENT. 25X1

3

IN ADDITION TO THE BASIC INSTRUMENT, EFFORT HAS BEEN SPENT ON SEVERAL TASKS WHICH WERE DISCUSSED WITH MR. [redacted] LAST AUGUST. THESE WERE: 25X1

1. SUPPLY A SET OF COMPARISON ENLARGEMENTS MADE ON THE COHERENT ENLARGER AND ON A NON-COHERENT ENLARGER.
2. SUPPLY DIFFRACTION CONTROL DATA.
3. SUPPLY MODULATION TRANSFER FUNCTION DATA.
4. SUPPLY A SET OF LANTERN SLIDES OUTLINING THE DEVELOPMENT AND ADVANTAGES OF THE INSTRUMENT.
5. DEMONSTRATE SPATIAL FILTERING (SUBSEQUENTLY DELETED).
6. REORIENT THE VIEWING SCREEN OF THE INSTRUMENT TO FACE THE OPERATOR SQUARELY.
7. SUPPLY A CUT FILM BACK (IN ADDITION TO THE ROLL FILM BACK).
8. SUPPLY A SUITABLE EXPOSURE METER FOR USE WITH THE

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[redacted] 25X1

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GROUP 1
Excluded from automatic downgrading and declassification

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INSTRUMENT.

PHOTOGRAPHS AND DATA HAVE BEEN OBTAINED TO SATISFY THE REQUIREMENTS OF TASKS 1 THRU 4 AND THESE WILL BE SUBMITTED IN REPORT FORM BY 31 DECEMBER. IT SHOULD BE NOTED HERE THAT IN THE COURSE OF THE DEVELOPMENT OF THE INSTRUMENT IT WAS DISCOVERED THAT THE MODULATION TRANSFER FUNCTION ALONE DOES NOT SUPPLY COMPLETE INFORMATION BY WHICH THE PERFORMANCE OF A COHERENT ENLARGER MAY BE JUDGED. WE WILL PROPOSE ON EXPLORING THIS SUBJECT FURTHER AS NEW SCOPE.

TASK 6 HAS BEEN COMPLETED.

TASK 7 AND 8 ARE THE SUBJECT OF CURRENT EFFORTS. THESE TASKS REQUIRE PURCHASE OF COMPONENTS AND MECHANICAL PARTS FROM VENDORS AND CANNOT BE COMPLETED BEFORE 15 FEB '65. HOWEVER, IT SHOULD BE NOTED THAT THESE SMALL TASKS ARE OUTSIDE THE SCOPE OF THE ORIGINAL CONTRAT AND ARE BEING PERFORMED WITHOUT ADDITIONAL FEE AS A MATTER OF MUTUAL CONVENIENCE.

IN SUMMARY, WE HAVE COMPLETED OR WILL HAVE COMPLETED BY 31 DECEMBER ALL OUR CONTRACTUAL OBLIGATIONS REGARDING DESIGN, CONSTRUCTION AND DOCUMENTATION. WE NOW AWAIT YOUR INSTRUCTIONS REGARDING DELIVERY. OUR PREFERENCE IS TO SHIP ON SATURDAY, 12 DECEMBER WITH THE INSTALLATION TO BE DONE THE FOLLOWING WEEK.

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YOUR PROMPT APPROVAL OR SUGGESTION OF AN ALTERNATIVE DATE WILL BE DEEPLY APPRECIATED.

A CONTRACT EXTENSION THRU 28 FEB '65 WILL BE REQUIRED TO COMPLETE 7 AND 8 ABOVE.

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-END OF MESSAGE-

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